

October29, 2010

Mr. Larry Erin, Chief Operating Officer  
CS Innovations  
A Westinghouse Electric Company, LLC  
7400 E. Tierra Buena Ln, Suite 101,  
Scottsdale, AZ, 85260

SUBJECT: ACCEPTANCE FOR REVIEW OF CS INNOVATIONS ADVANCED LOGIC  
SYSTEM TOPICAL REPORT

Dear Mr. Erin:

By letter dated July 29, 2010, CS Innovations submitted for U.S. Nuclear Regulatory Commission (NRC) review, Topical Report (TR) "CS Innovations Advanced Logic System (ALS) Topical Report."

The NRC staff has performed an acceptance review of this TR and found that the material presented provides the technical information in sufficient detail to enable the staff to complete a detailed technical review. Based on ALS's planned submittal of phase 2 supporting documentation for the review of this TR, The NRC staff expects to issue its request for additional information by February 15, 2011, and issue its draft safety evaluation by July 15, 2011.

However, the staff notes that approval of the ALS TR by July 15, 2011 is inconsistent with a licensee's plan to submit a license amendment to replace their digital Reactor Protection System in May 2011 using the ALS platform (ML101940326). The licensee states that the license amendment request (LAR) will reference a previously approved TR for the ALS platform. However, NRC's licensing guidelines do not allow acceptance of an LAR that references an unapproved TR.

Therefore, any future request to accelerate the topical report's draft safety evaluation will also necessitate an acceleration of topical report submittal documentation, expedited applicant support and additional coordination efforts associated with multiple staff reviewers. The NRC staff estimates that the review will require approximately 880 staff hours including project management time. The review schedule milestones and estimated review costs were discussed and agreed upon in a telephone conference between Joe Lorson and the NRC staff on September 30, 2010.

L. Erin

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Section 170.21 of Title 10 of the *Code of Federal Regulations* requires that TRs are subject to fees based on the full cost of the review. You did not request a fee waiver; therefore, NRC staff hours will be billed accordingly.

If you have questions regarding this matter, please contact Andy Hon at 301-415-8480.

Sincerely,

**/RA/**

John R Jolicoeur, Chief  
Licensing Process Branch  
Division of Policy and Rulemaking  
Office of Nuclear Reactor Regulation

Project No. 779

cc: See next page

L. Erin

-2-

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NRR-106

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L. Erin, CS Innovations, LLC

Project No. 779

cc:

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